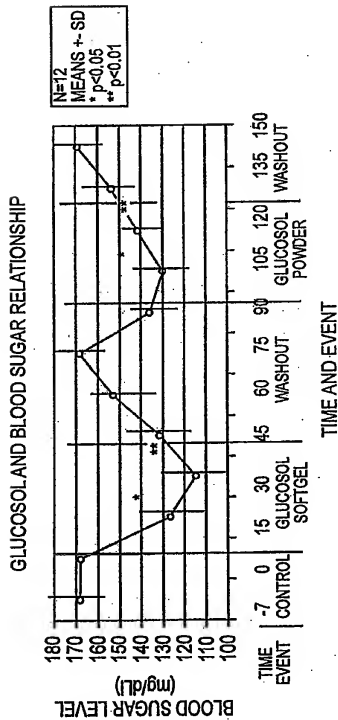


SIBR INC. - SOFT GEL TECHNOLOGIES GLUCOSOL STUDY
 GLUCOSOL - BLOOD GLUCOSE STUDY SIBR 08-99

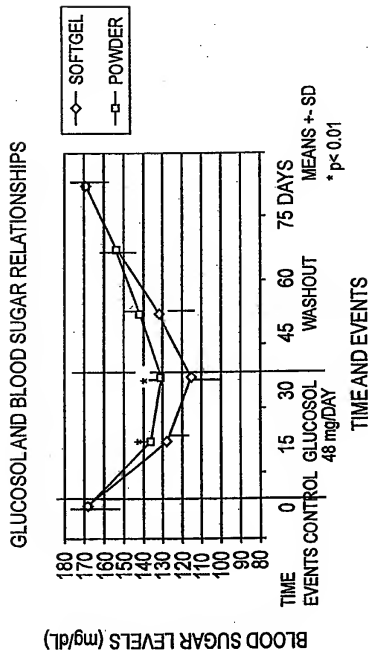
DAYS VOLUNTEERS	CONTROL			48 mg/DAY SOFTGEL			GLUCOSOL WASHOUT			48 mg/DAY POWDER			GLUCOSOL WASHOUT		
	-7	0		15	30		45	60	75	90	105		120	135	150
1	174	168		115	106		120	146	176	124	123		139	148	162
2	190	182		140	136		138	160	184	136	134		130	155	185
3	173	163		118	92		118	141	160	136	130		144	154	167
4	149	150		117	110		122	155	186	135	129		139	147	152
5	164	163		125	116		115	136	155	114	110		114	133	160
6	178	183		127	115		138	158	180	146	140		158	166	178
7	170	175		129	119		148	168	180	148	133		149	156	177
8	154	161		117	96		110	160	160	136	128		140	158	170
9	186	179		155	144		142	156	168	144	138		145	150	172
10	160	157		121	111		135	146	155	135	128		148	163	170
11	159	166		133	116		138	152	166	143	137		145	158	166
12	168	172		129	120		148	160	168	136	132		146	156	168
MEAN	168.8	168.3		127.2	115.1		131.7	153.2	168.2	136	130.2		141.4	153.7	168.9
SD	12.4	10.3		11.56	14.6		13.2	9.3	9.9	9.4	7.9		10.9	8.6	8.8
SE	3.6	3		3.3	4.2		3.8	2.7	2.9	2.7	2.3		3.2	2.5	2.5
VAR	153	104.9		132.4	212.4		175.5	85.6	98.3	89.6	63.6		120.5	73.3	76.8

Fig. 1



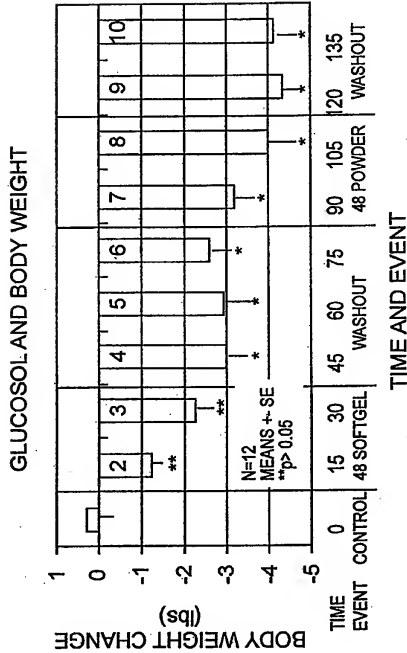
INFLUENCE OF SOFTGEL AND POWDER GLUCOSOL (48mg/DAY) ON BLOOD SUGAR LEVELS IN TYPE II DIABETICS.
 NOTE THE RAPID BLOOD SUGAR REDUCTION DURING SUPPLEMENTATION AND THE SLOW RECOVERY DURING
 GLUCOSOL WASHOUT

Fig. 2



BLOOD SUGAR LOWERING EFFECTS OF SOFTGEL AND POWDER GLUCOSOL. BOTH GLUCOSOL FORMS SIGNIFICANTLY ($p < 0.01$) LOWERED BLOOD SUGARS IN 15 AND 30 DAYS. THE RECOVERY TIME WAS DELAYED WITH BOTH GLUCOSOL FORMS.

Fig. 3



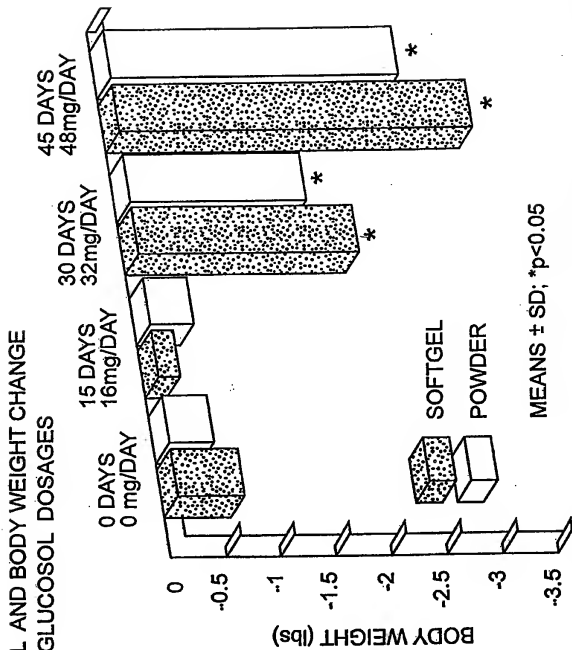
BODY WEIGHT CHANGES BEFORE AND AFTER 48 mg/DAY OF SOFTGEL OR POWDER GLUCOSOL. NOTE THE ACUTE DROP IN WEIGHT DURING GLUCOSOL SUPPLEMENTATION AND THE SLOW WEIGHT GAIN DURING THE WASHOUT INTERVALS. THE WEIGHT LOSS WITH 48 mg/DAY SOFTGEL OR POWDER GLUCOSOL WAS NOT REGAINED IN SIX WEEKS. THUS, THE BASELINE WEIGHT FOR THE POWDER GLUCOSOL (DAY 75) WAS LOWER THAN THAT FOR THE SOFTGEL FORMULATION (DAY 0).

Fig. 4

SIBR INC. - SOFT GEL TECHNOLOGIES GLUCOSOL STUDY
 GLUCOSOL - BODY WEIGHT STUDY: SIBR 05-99

EVENT	CONTROLS	48 mg/DAY SOFTGEL	WASHOUT	48 mg/DAY POWDER	WASHOUT						
DAYS	-7	0	15	30	45	60	75	90	105	120	135
VOLUNTEER											
1	2	0	-2	-1	-1	-1	-2	-1	-2	-3	-2
2	0	-2	-4	-5	-4	-4	-4	-5	-6	-5	-5
3	-1	-1	-2	-3	-2	-2	-2	-3	-3	-3	-4
4	1	0	-1	-2	-3	-4	1	-5	-5	-4	-5
5	1	-1	-2	-4	-5	-5	-5	-3	-3	-4	-3
6	-1	-2	-4	-5	-5	-5	-5	-3	-3	-4	-3
7	1	0	-3	-4	-4	0	0	-2	-3	-2	-1
8	1	-1	-1	-2	-2	-3	-2	-4	-5	-7	-8
9	-1	-2	-1	-2	-2	-3	-2	-4	-5	-6	-5
10	-1	-2	-1	-2	-3	-3	-2	-4	-5	-5	-5
11	1	-1	-2	-3	-2	-2	-2	-4	-5	-7	-7
12	0	-3	-4	-5	-4	-4	-5	-6	-8	-7	-7
MEANS	0.25	-1.25	-2.25	-3	-2.91	-2.58	-3.17	-4	-4.33	-4.1	-4.1
SD	1.06	0.96	0.96	1.48	1.56	1.92	1.94	2.24	1.72	2.2	2.2
SE	0.3	0.28	0.27	0.42	0.45	0.55	0.56	0.65	0.5	0.63	0.63
0 DAY COMPARISON	p<0.05	p<0.05	p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	p<0.001
75 DAY COMPARISON							p<0.24	p<0.07	p<0.003	p<0.02	p<0.02

Fig. 5



BODY WEIGHT CHANGE IN TYPE II DIABETICS DURING SUPPLEMENTATION WITH 16, 32, AND 48 mg/DAY GLUCOSOL™ ONLY (NO EXERCISE OR DIET CHANGES). SUPPLEMENTATION TIME FOR EACH DOSE WAS 15 DAYS. BOTH THE SOFTGEL AND POWDER FORMS OF GLUCOSOL™ DECREASED BODY WEIGHT SIGNIFICANTLY AT THE 32 AND 48 mg/DAY DOSAGES. THE DIFFERENCE BETWEEN GLUCOSOL™ FORMS WAS NOT STATISTICALLY DIFFERENT.

Fig. 6